

Amendments to the Claims:

1. (Currently Amended) A solution for ~~perfusing~~ preserving and storing a heart for up to 24 hours while awaiting transplantation comprising:

- (a) a balanced isotonic solution in a physiologically acceptable amount;
- (b) a cyclosporin; and
- (c) water.

2. (Original) The solution according to Claim 1 wherein said balanced isotonic solution includes sodium, potassium, calcium, magnesium ions and bicarbonate.

3. (Original) The solution according to Claim 1 wherein said cyclosporin is present in an amount from about 2.5 μM to about 10 μM per liter of solution.

4. (Original) The solution according to Claim 1 wherein said cyclosporin is present in an amount from about 5.0 μM to about 8.0 μM per liter of solution.

5. (Original) The solution according to Claim 1 wherein said balanced isotonic solution comprises:

Concentration Ranges in 1 Liter

NaCl	85 mM to 145 mM
KCl	3 mM to 50 mM
CaCl ₂	0.5 mM to 2.5 mM
KH ₂ PO ₄	0.7 mM to 1.3 mM
MgSO ₄	0.9 mM to 4.8 mM
NaHCO ₃	15 mM to 35 mM
Glucose	1.0 mM to 50 mM

and said cyclosporin is present in an amount from about 2.5 μM to about 10 μM per liter of solution.

A2
cat
6. (Currently Amended) A method for preserving and storing a heart[[s]] awaiting ~~which extends the life of the heart during~~ transplantation comprising:

perfusing ~~and storing a said~~ heart for up to 24 hours with a solution comprising:

- (a) a balanced isotonic solution in a physiologically acceptable amount;
- (b) cyclosporin; and
- (c) water.

7. (Original) The method according to Claim 6 wherein said balanced isotonic solution includes sodium, potassium, calcium, magnesium ions and bicarbonate.

8. (Original) The method according to Claim 6 wherein said cyclosporin is present in an amount from about 2.5 μM to about 10 μM per liter of solution.

9. (Original) The method according to Claim 6 wherein said cyclosporin is present in an amount from about 5.0 μM to about 8.0 μM per liter of solution.

10. (Original) The method according to Claim 6 wherein said balanced isotonic solution comprises:

Concentration Ranges in 1 Liter	
NaCl	85 mM to 145 mM
KCl	3 mM to 50 mM
CaCl ₂	0.5 mM to 2.5 mM
KH ₂ PO ₄	0.7 mM to 1.3 mM
MgSO ₄	0.9 mM to 4.8 mM

Appl. No.: 10/088,538

Filed: June 10, 2002

Page 4

NaHCO₃

15 mM to 35 mM

Glucose

1.0 mM to 50 mM

A2
cont

and said cyclosporin is present in an amount from about 2.5 μ M to about 10 μ M per liter of solution.